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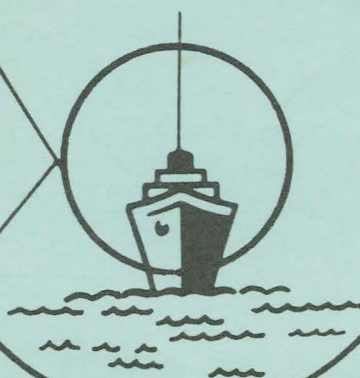
DB BANWERNAN III

THE PACIFIC COAST MERCHANT MARINE TRAINING PROGRAM

FOR

MERCHANT MARINE PERSONNEL

PACIFIC COAST DISTRICT
MARITIME ADMINISTRATION
DEPARTMENT OF COMMERCE



- * RADAR
- * RADAR SIMULATOR
- * GYRO COMPASS
- * DAMAGE CONTROL
- * DAMAGE CONTROL
PLASTIC REPAIR

VK
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U56
1968

U. S. DEPARTMENT OF COMMERCE
MARITIME ADMINISTRATION
PACIFIC COAST DISTRICT

ANNOUNCES

THE PACIFIC COAST MERCHANT MARINE TRAINING PROGRAM

FOR

MERCHANT MARINE PERSONNEL

RADAR

RADAR SIMULATOR

GYRO COMPASS

DAMAGE CONTROL

DAMAGE CONTROL PLASTIC REPAIR

U. S. DEPARTMENT OF COMMERCE
MARITIME ADMINISTRATION
PACIFIC COAST DISTRICT

ANNOUNCEMENT

THE PACIFIC COAST MERCHANT MARINE TRAINING PROGRAM

FOR

MERCHANT MARINE PERSONNEL

WILL

BE HELD AT THE

U. S. COAST GUARD

ACADEMY

AT THE U. S. COAST GUARD ACADEMY

F O R E W A R D

The training programs offered by the Maritime Administration Pacific Coast District Training Schools are designed to furnish merchant marine personnel with the opportunity to increase their proficiency in the several important areas covered, all of which relate to the safety of the ship, crew, passengers, and cargo.

It is our hope that all members of the merchant marine, licensed and unlicensed, will take advantage of this opportunity.

The continued support of the maritime unions and steamship companies in encouraging their members and employees to enroll in the training programs is solicited.

It is requested that each of you who receives this booklet give the information contained therein the widest dissemination possible.

Clyde L. Miller
Pacific Coast Director

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The training program offered by the Maritime Administration
for the Coast Guard Auxiliary is designed to furnish
members with the opportunity to learn the
principles of the several important areas covered, all of which
relate to the safety of the ship, crew, passengers, and cargo.
It is our hope that all members of the Auxiliary will
not only learn, but also take advantage of this opportunity.

The continued support of the Maritime Service and Auxiliary members
in encouraging their members and employees to enroll in the training
program is solicited.

It is requested that each of you who receives this booklet give the
information contained therein the widest dissemination possible.

John L. Miller
United States District

C O N T E N T S

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OBJECTIVE

The Merchant Marine Training Program is the Maritime Administration's continuing education service for American Merchant Marine personnel. The program provides:

Education for greater safety at sea.

Education for professional advancement.

Education for re-learning skills lost from lack of practice.

The Maritime Administration designs its program to provide trained and efficient citizen personnel to man ships of the American Merchant Marine.

WHO MAY ENROLL

Persons eligible are indicated in the course descriptions.

WHEN TO ENROLL

Enrollment is now open. Make application for enrollment as early as possible. Damage Control and Damage Control Plastic Repair classes will not be convened unless six persons have made application. No enrollments will be accepted for these classes until the required minimum number of students make application.

HOW TO ENROLL

Students may apply by mail, in person, or by telephone.

By mail: Use the application form on page 10 of this brochure and mail as directed. Mail-in applications may be obtained from the Maritime Administration offices listed on the following page.

In person or by telephone: Apply at Maritime Administration offices listed on the next page.

OBJECTIVE

The purpose of this project is to provide information on the activities of the various groups and individuals who are active in the field of human rights. The information is to be used for the purpose of identifying and locating these individuals and groups.

Information for greater safety of use.

Information for professional advancement.

Information for re-employment after loss of position.

The various individuals who are active in the field of human rights are to be identified and located. The information is to be used for the purpose of identifying and locating these individuals and groups.

HOW TO USE

Persons who are located in the course of this project.

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CONFIDENTIAL

District Ship Operations Officer
Maritime Administration
U. S. Department of Commerce
450 Golden Gate Avenue, Box 36073
San Francisco, California 94102

Telephone: 556-4161

Area Representative
Maritime Administration
U. S. Department of Commerce
825 So. Beacon Street, Room 5
San Pedro, California 90731

Telephone: 831-9281 Ext. 508

Area Representative
Maritime Administration
U. S. Department of Commerce
311 Alaska Building
Seattle, Washington 98104

Telephone: 583-5348

Area Representative
Maritime Administration
U. S. Department of Commerce
U. S. Post Office Bldg., Room 405
511 N. W. Broadway
Portland, Oregon 97209

Telephone: 226-3361 Ext. 1941

REFRESHER TRAINING

While the Maritime Administration designs its courses for those who have not had previous experience, all courses are open to any mariner who can benefit from refresher training. Students possessing a Radar Observer certificate that are taking the Radar Observer's course for refresher training are not given the final examination or a certificate of successful completion, but will have their Radar Observer's certificates endorsed for simulator training on successful completion of that portion of the course.

FEES

No fees are charged for the training courses.

PREREQUISITES

None

CERTIFICATES

Each graduate of a course is given a certificate of successful completion

These representatives
 National Administration
 U. S. Department of Commerce
 127 1st Street, N.E., Room 2
 Washington, D.C. 20540

Telephone: 202-473-1234

These representatives
 National Administration
 U. S. Department of Commerce
 127 1st Street, N.E., Room 2
 Washington, D.C. 20540

Telephone: 202-473-1234

These representatives
 National Administration
 U. S. Department of Commerce
 127 1st Street, N.E., Room 2
 Washington, D.C. 20540

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 Washington, D.C. 20540

Telephone: 202-473-1234

GENERAL INFORMATION

These representatives
 National Administration
 U. S. Department of Commerce
 127 1st Street, N.E., Room 2
 Washington, D.C. 20540

GENERAL

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 National Administration
 U. S. Department of Commerce
 127 1st Street, N.E., Room 2
 Washington, D.C. 20540

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GENERAL

These representatives
 National Administration
 U. S. Department of Commerce
 127 1st Street, N.E., Room 2
 Washington, D.C. 20540

which has earned wide professional acceptance as evidence of a thorough background in basic principles and techniques. Certificates of successful completion for the Radar Observer Course are accepted by the Coast Guard as evidence of the holder's qualifications as a "radar observer" without further examination for license endorsement as a "radar observer."

TEXTBOOKS AND MATERIALS

No textbooks are required for this program. Students attending the Radar Observer Course are required to provide their own parallel ruler or pair of triangles, and drawing compass.

Students attending the Damage Control Courses should provide themselves with work clothing, including socks to change into when participating in practical exercises. Naval regulations prohibit the wearing of dungarees between the main gate and the school. Special clothing, such as foul-weather gear, will be furnished by the school.

ACCESS TO MILITARY RESERVATIONS AND PARKING

Fort Mason: There are no restrictions on access and ample parking is available to students in parking spaces that are not marked RESERVED.

Treasure Island: A Coast Guard Certificate of Identification (Merchant Mariner's document) is required for access. If driving, the driver must have a driver's license, proof of car insurance coverage, and vehicle registration which are required to obtain a motor vehicle pass. Ample parking is available to students in parking spaces that are not marked RESERVED.

PUBLIC TRANSPORTATION

Fort Mason: Take Number 30 Bus to the corner of Laguna and Chestnut Street, which is about 2 blocks from the Fort Mason gate.

Treasure Island: Take the Alameda-Contra Costa Transit "T" Bus from Oakland or San Francisco, debark at the Main Gate at Treasure Is.

CAFETERIAS

There are several cafeterias available in the vicinity of the schools.

HOUSING

The Maritime Administration has no living quarters available for students.

DISCONTINUED CLASSES

The Maritime Administration reserves the right to discontinue, cancel, postpone, or combine classes. Notice will be given to enrolled students if the above action becomes necessary.

INTERNAL REVENUE SERVICE REGULATIONS

Under the current regulations, certain expenditures made by a taxpayer for his education may be deducted. Please consult the Bureau of Internal Revenue for further information.

UNION BENEFITS

Some unions aid their members with the expenses involved in attending schools. Please contact the appropriate union for further information.

VETERANS

Maritime Administration courses are not approved for veteran's educational benefits.

MERCHANT MARINE TRAINING AVAILABLE IN OTHER DISTRICTS

The Maritime Administration offers training courses in other districts.

Please address inquiries to the below offices for further information about courses available within the Gulf and Atlantic Coast Districts.

Gulf Coast Director
Maritime Administration
P.O. Box 52948
New Orleans, Louisiana 70150

Atlantic Coast Director
Maritime Administration
45 Broadway
New York, New York 10006

OMEGA INFORMATION 1/2

RECENT HUMAN TRAFFIC PATTERNS IN THE MIDDLE EAST

The Human Trafficking Office is currently receiving information from various sources in the Middle East.

This office is currently receiving information from various sources in the Middle East.

Current activities within the Middle East are being monitored.

Human Trafficking Office	U.S. Coast Guard
U.S. Coast Guard	U.S. Coast Guard
U.S. Coast Guard	U.S. Coast Guard
U.S. Coast Guard	U.S. Coast Guard
U.S. Coast Guard	U.S. Coast Guard

The purpose of this course is to develop in the student the necessary skills and understanding to perform all the duties of a "radar observer" on merchant ships.

The material covered includes: Basic principles of radar; radar system electrical constants; typical radar systems used on merchant vessels; adjustment of operating controls; legal aspects of radar; false echoes; radar interpretation; safety precautions; operator's maintenance; relative motion plotting; radar simulator training; and reflection plotting.

This course is available to masters, mates, and seamen qualified by U. S. Coast Guard standards to sit for original deck officer's license; and persons who have a professional need for the course, and those who own or operate radar-equipped vessels, when openings are available.

This class is conducted at Pier One, Building 317, Fort Mason, San Francisco, California. The daily class hours are 8:30 a.m. to 11:30 a.m. and 12:30 p.m. to 4:30 p.m.

The Radar Observer's course consists of an eight-day course starting on Monday. Two eight-day classes are convened each month. Licensed officers who possess a radar observer's certificate may enroll in the three-day simulator refresher course and have their radar observer's certificate endorsed for simulator training on successful completion of the course.

The purpose of this course is to develop in the student the necessary skills and understanding to perform all the duties of a radio operator on merchant ships.

The material covered includes: basic principles of radio; radio system electrical connections; typical radio system used on merchant vessels; adjustment of operating controls; legal aspects of radio; radio safety; radio interference; safety procedures; operator's responsibilities; radio signaling; radio abbreviation; handling and retention of messages.

This course is available to seamen, mates, and masters qualified by U. S. Coast Guard standards to act for original deck officer's license; and persons who have a professional need for the course, and those who wish to operate radio-equipped vessels, after opening the certificate.

This class is conducted at Fort Ord, Building 315, Fort Ord, San Francisco, California. The daily class hours are 8:30 a.m. to 11:30 a.m. and 1:30 p.m. to 4:30 p.m.

The radio operator's course consists of an eight-day course starting on Monday. The eight-day course is conducted each month. Licensed officers who possess a radio operator's certificate are exempt from the three-day equivalent refresher course and have their radio operator's certificate endorsed for another training or advanced refresher at the course.

GYRO COMPASS OPERATORS COURSE DESCRIPTION / 6

The purpose of this course is to provide the student with the necessary knowledge regarding marine gyro navigational equipment used on merchant ships; to insure comprehension of the principles of operation; develop proficiency in the mechanics of operation and interpretation of equipment performance; and to acquire an understanding of the maintenance techniques of shipboard installations, in order to promote peak efficiency under service operating conditions.

The scope of this course embraces the operating principle of gyrocompass; the design features and construction and correlation of the basic elements of the master gyrocompass and the integral parts of the several elements; the repeater system; the follow-up system; power supply; mechanics of operation; gyrocompass errors; maintenance, the course recorder, the gyropilot, and auxiliaries.

This course is available to masters, mates, radio officers, and seamen qualified by the U.S. Coast Guard to sit for original license, and persons who have a professional need for the course.

The course is conducted at Pier One, Fort Mason, San Francisco, California. One class, $4\frac{1}{2}$ days duration, is convened per month. The daily class hours are 8:30 a.m. to 11:30 a.m. and 12:30 p.m. to 4:30 p.m. There is no afternoon class on Fridays.

DAMAGE CONTROL COURSE DESCRIPTION / 7

PHASE I	Damage Control - 2 days
PHASE II	Firefighting - 2 days
PHASE III	NBC Defense - 1 day

This course is designed to develop in the student an understanding of the design and function of damage control equipment, and skill in the use of such equipment. The aim is to prepare him to participate in routine drills and emergency operations, and to assist in the maintenance of emergency equipment.

Phase I The training in damage control includes objectives of damage control, damage control markings, watertight integrity, principles of shoring, exercises in the practical aspects of shoring in ship mock-ups, repair party organization, remote controls and built-in damage control system.

Phase II The training in firefighting includes the chemistry of fire, classes of fire, fire prevention and confinement, portable extinguishers, all-purpose nozzles, fog applications, fire hoses, foam equipment, oxygen breathing apparatus, and practical firefighting exercises.

Phase III The training in nuclear, biological and chemical (NBC) defense includes medical effects, radiac instruments, protective measures, monitoring, and decontamination.

This course (all phases) is available to licensed and unlicensed merchant marine personnel.

This course is conducted at Building 38, Treasure Island, San Francisco, California. One 5 day class is convened per month. Students may attend only one phase of this course if they wish; however, training certificates are issued only upon completion of the entire course. The daily hours are 8:00 a.m. to 4:00 p.m. with one-half hour allowed for lunch.

DAMAGE CONTROL PLASTIC REPAIR COURSE DESCRIPTION / 8

The objectives of this course are (1) to train merchant marine personnel to apply plastic patches to damaged piping in situations where such repairs are appropriate and advisable, and (2) to alert trainees to the development of plastics for marine use, giving some attention to its future possibilities.

In this course the trainee learns a little of the basic theory of plastic patching of pipes; the material used; the principles, procedures, and techniques involved; and the applicable safety precautions.

This course is available to licensed and unlicensed merchant marine personnel.

The course is conducted at Building 233, Treasure Island, San Francisco, California. One 2 day class is convened per month. The daily class hours are 7:15 a.m. to 4:00 p.m. with one-half hour allowed for lunch.

The objectives of this course are (1) to learn the basic theory of plasticity and (2) to learn the basic theory of plasticity and its application to the design of plastic pipelines and joints. The course is designed to provide the student with a basic understanding of the theory of plasticity and its application to the design of plastic pipelines and joints.

In this course the student will learn a little of the basic theory of plasticity and its application to the design of plastic pipelines and joints. The course is designed to provide the student with a basic understanding of the theory of plasticity and its application to the design of plastic pipelines and joints.

This course is available to licensed and unlicensed persons who are interested in the design of plastic pipelines and joints. The course is designed to provide the student with a basic understanding of the theory of plasticity and its application to the design of plastic pipelines and joints.

The course is conducted at Building 111, University of California, San Francisco. The course is conducted at Building 111, University of California, San Francisco. The course is conducted at Building 111, University of California, San Francisco. The course is conducted at Building 111, University of California, San Francisco.

MAILING LIST REQUEST / 9

Please mail to:

District Ship Operations Officer
Maritime Administration
U.S. Department of Commerce
450 Golden Gate Avenue, Box 36073
San Francisco, California 94102

- ☐ Please place me on your mailing list to receive information concerning the Pacific Coast Maritime Administration Merchant Marine Training Program. This mailing list is restricted to organizations such as Unions, Steamship Companies, Government Agencies, etc.
- ☐ Please change my address on your mailing list to receive information concerning the Maritime Administration's Merchant Marine Training Program.
- ☐ Please remove my name from your mailing list to receive information concerning the Maritime Administration's Merchant Marine Training Program.

Organization _____

Address _____

CITY, STATE and ZIP CODE

Attention: (Title or Code)

Number of copies required

Please send me:

United States Department of
Health, Education and Welfare
U.S. Department of Commerce
400 Alabama Avenue, Box 30015
San Francisco, California 94130

Please place me on your mailing list to receive information con-
cerning the Pacific Coast Maritime Administration Research Station
Training Program. This mailing list is restricted to organizations
such as unions, chambers of commerce, government agencies, etc.
Please change my address on your mailing list to receive infor-
mation concerning the Pacific Administration Research Station
Training Program.
Please remove my name from your mailing list to receive infor-
mation concerning the Pacific Administration Research Station
Training Program.



Organization _____
Address _____
City, State and Zip Code _____
Telephone (Area or Area) _____
Number of copies required _____

APPLICATION FOR ENROLLMENT / 10

Please mail to:

District Ship Operations Officer
Maritime Administration
U.S. Department of Commerce
450 Golden Gate Avenue, Box 36073
San Francisco, California 94102

Please enroll me in the Merchant Marine Training Course checked below,
commencing on the date indicated:

- ☐ Radar Observers Course _____
- ☐ Radar Simulator Refresher Course _____
- ☐ Gyrocompass Operators Course _____
(Date)
- ☐ Damage Control Course _____
(Date)
- ☐ Damage Control Plastic Repair Course _____
(Date)

Name _____

Company/Union Affiliation _____

License/Rating _____ "Z" or Book Number _____

Address _____
(Number and Street)

(City, State and ZIP Code)

Telephone: _____

Please fill in:

Classified Civil Operations Officer
 Maritime Administration
 U.S. Department of Commerce
 150 Golden Gate Avenue, San Francisco 4007
 San Francisco, California 94102

Please specify on the following Marine Training Course checked below:

commencing on the date indicated:

☐	Radio Operator Course	_____
☐	Radio Operator Refresher Course	_____
☐	Operator Operator Course (Date) _____	
☐	Radio Operator Course (Date) _____	
☐	Radio Operator Radio Operator Course (Date) _____	

Name _____

Company/Union Affiliation _____

License/Rating _____

Address _____
 (Number and Street)

City, State and Zip Code _____

Telephone _____

MARITIME ADMINISTRATION
PACIFIC COAST DISTRICT
TRAINING SCHEDULE

JANUARY

Gyro	12-30-68 - 1-3-69
Radar	6 - 15
(Radar Simulator)	13 - 15
Radar	20 - 29
(Radar Simulator)	27 - 29

FEBRUARY

Gyro	3 - 7
Radar	10 - 19
(Radar Simulator)	17 - 19
Radar	24 - 3/5
(Radar Simulator)	3/3 - 3/5

MARCH

Gyro	10 - 14
Radar	17 - 26
(Radar Simulator)	24 - 26
Radar	31 - 4/9
(Radar Simulator)	4/7 - 4/9

APRIL

Gyro	14 - 18
Radar	21 - 30
(Radar Simulator)	28 - 30

MAY

Radar	5 - 14
(Radar Simulator)	12 - 14
Gyro	19 - 23
Radar	26 - 6/4
(Radar Simulator)	6/2 - 6/4

JUNE

Radar	9 - 18
(Radar Simulator)	16 - 18
Gyro	23 - 27
Radar	30 - 7/10
(Radar Simulator)	7/7 - 7/10

JULY

Radar	14 - 23
(Radar Simulator)	21 - 23
Gyro	28 - 8/1

AUGUST

Radar	4 - 13
(Radar Simulator)	11 - 13
Radar	18 - 27
(Radar Simulator)	25 - 27

SEPTEMBER

Gyro	1 - 5
Radar	8 - 17
(Radar Simulator)	15 - 17
Radar	22 - 10/1
(Radar Simulator)	29 - 10/1

OCTOBER

Gyro	6 - 10
Radar	13 - 22
(Radar Simulator)	20 - 22
Radar	27 - 11/5
(Radar Simulator)	11/3 - 11/5

NOVEMBER

Gyro	10	-	14
Radar	17	-	26
(Radar Simulator)	24	-	26

DECEMBER

Radar	1	-	10
(Radar Simulator)	8	-	10
Gyro	15	-	19

GENERAL INFORMATION

The above courses are conducted in Building 317, Pier 1, Fort Mason, San Francisco. The Radar classes begin on Monday morning at 8:30 A.M. The first five days consist of the basic radar observer's course; the last three days deal with the operation of radar simulator equipment.

The Gyro classes begin on Monday morning at 8:30 A.M. and last until Friday of the same week.

For each holiday that falls within the class week, an extra day will be added to the class.

There is no fee charged for these classes. Radar students are requested to provide their own dividers and drawing compass, and triangles or parallel rulers.

ENROLL NOW!

Telephone (415) 556-4160

REMARKS

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10 - 10

REMARKS

10 - 10
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10 - 10

GENERAL INFORMATION

The above remarks are conducted in Building 317, Room 1, Fort Belvoir, San Francisco, California. The above remarks begin on Monday morning at 8:30 A.M. The first two days morning of the week, however, the last three days will be the same.

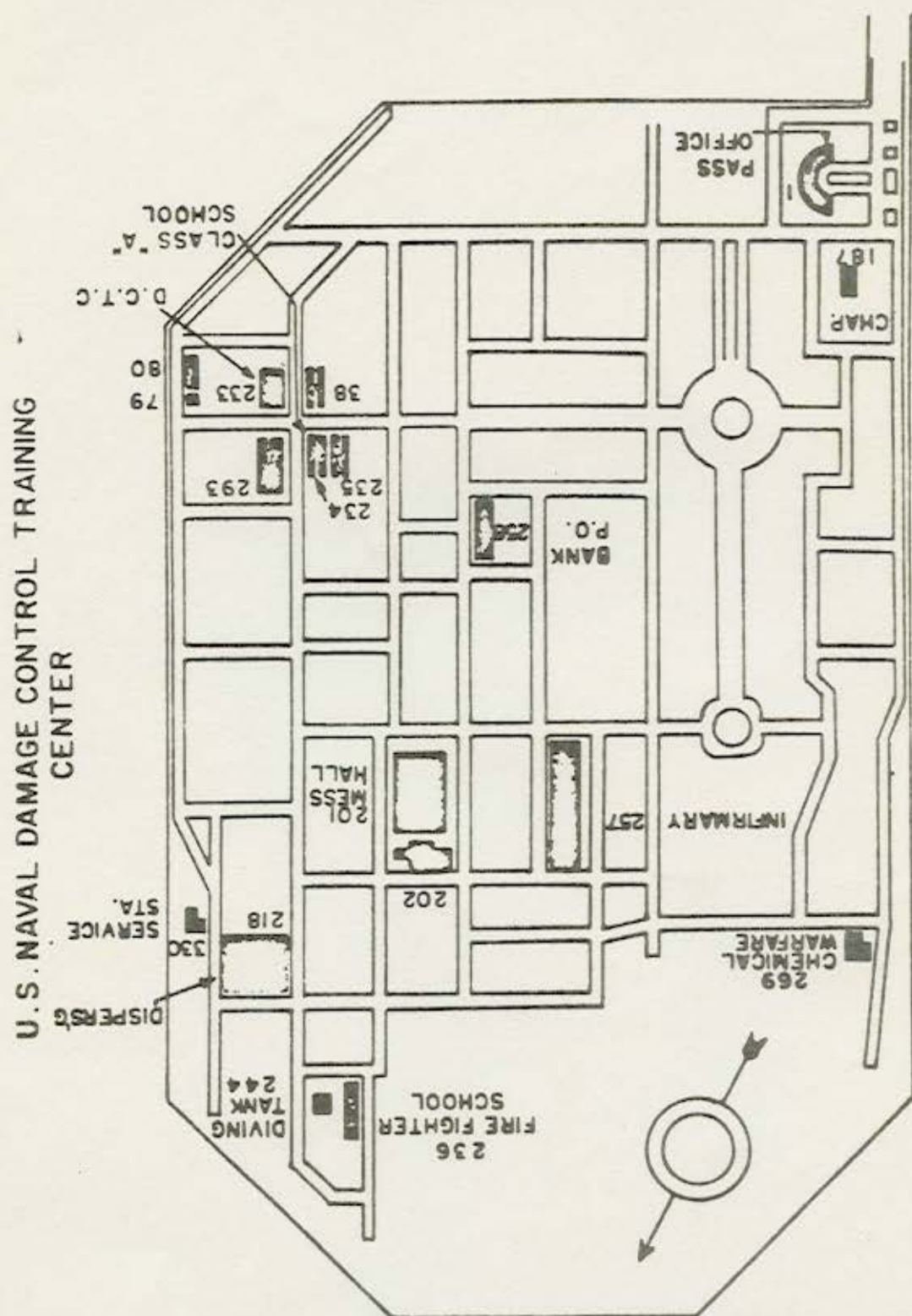
The above remarks begin on Monday morning at 8:30 A.M. and last until Friday at 5:00 P.M.

For each holiday that falls within the class week, no entry will be made in the class.

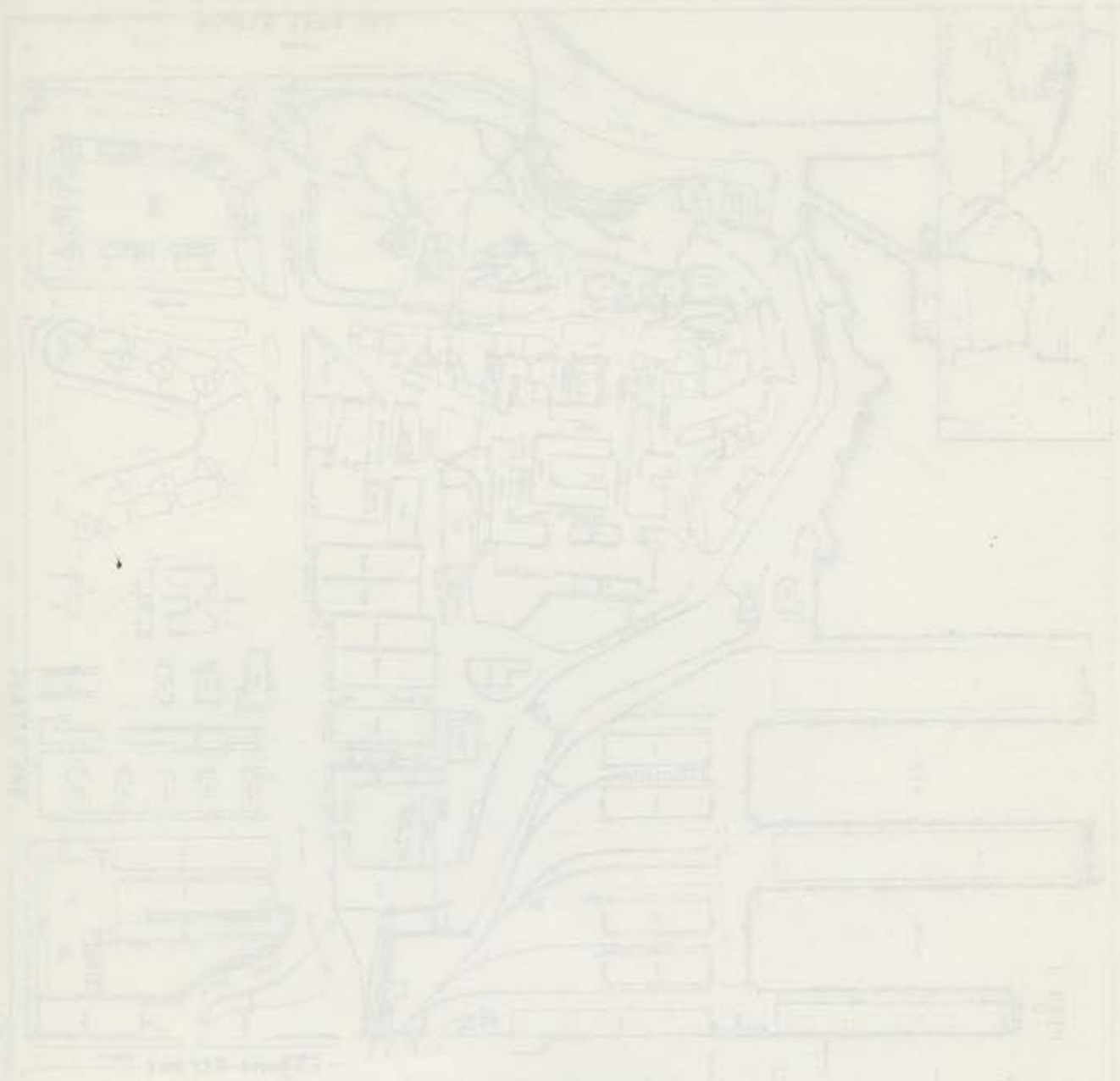
There is no change in the class. Each student is responsible for his own work and having no other work, and no other work is required.

Telephone (415) 230-1000

1000-1000



GUIDE MAP OF TREASURE ISLAND



1. General description of the project and the purpose of the study.	2. List of the personnel who participated in the study.
3. List of the equipment and materials used in the study.	4. List of the data collected during the study.
5. List of the results of the study.	6. List of the conclusions of the study.
7. List of the recommendations of the study.	8. List of the references used in the study.



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NATIONAL HISTORICAL PARK



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SF Maritime NHP Library

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